

A high-angle, low-altitude photograph of an L-39NG aircraft in flight. The aircraft is a light grey color with dark grey and black markings on the wings and fuselage. It is flying over a landscape of rolling hills and mountains, with a layer of white clouds below. The sky is a clear, bright blue. The aircraft is positioned in the lower-left quadrant of the frame, angled towards the upper-right. The overall composition is dynamic and emphasizes the aircraft's performance capabilities.

*Cero*

**L-39NG**

TRAINING – LIGHT ATTACK – RECONNAISSANCE

**New generation of  
the world's most successful  
subsonic jet aircraft**

*Art of jet flying*

## BRAND NEW

A newly designed and developed aircraft, using modern materials and technologies but maintaining all the great characteristics of its predecessor, the legendary L-39.

## VERSATILE

A universal sub-sonic jet platform able to integrate a wide range of sub-systems and payloads to effectively perform a multitude of aerial missions, with minimum adjustments needed.

## EFFICIENT

The most cost-effective platform to acquire, operate, maintain and continuously upgrade, in its class.

## RELIABLE

Intuitive controls, durable airframe, predictable flight characteristics and off-the-shelf components mean that as a pilot and as an operator, you can rely on the aircraft to deliver.

## Current Customers L-39NG



## L-39 Modernisation & Support



and many more all over the world



AERO Vodochody a.s.  
U Letiště 374,  
250 70 Odolena Voda,  
Czech Republic

pr@aero.cz  
www.aero.cz

## L-39NG TECHNICAL HIGHLIGHTS

Proven low-wing design with excellent flight performance

Full glass cockpit with modern avionics suite

FJ44-4M Williams International engine

Martin Baker Mk.16CZ zero-zero ejection seat

5 hard points for a variety of payloads



## L-39NG MISSION CAPABILITIES

### Flight and Tactical Training

- From Basic to LIFT pilot training
- Safe, durable and easy to fly platform
- Suitable for both western and eastern fighter platforms due to dual symbology

### Light Attack Capability

- Five hard points for a variety of weapons and payloads
- Capable to carry both basic and smart weapons
- Air to air capability against slow and low moving targets
- Air to ground capability for close air support and assymmetric conflicts

### Air Patrolling and Reconnaissance

- Advanced sensor payload integration (EO/IR, EW, Radar pods)
- Unmatched endurance and operational range
- Full support of FAC/JTAC through laser designation

## COMPLEX TRAINING SYSTEM

The L-39NG is delivered with a full suite of live, virtual and constructive technologies, which allow pilots to train the most complex flight and tactical training scenarios.

An on-board Integrated Training System (ITS) utilizes a virtual radar to create and simulate a wide range of missions, while a high-speed datalink multiple networked aircraft together, adding diversity and further complexity.

The ITS can be interconnected with a full suite of ground based training systems, ranging from desk-top trainers to fully certified, full mission simulators with virtual and mixed reality implementation. Learning management systems and mission planning, debriefing and evaluation systems automatically optimize the training content to suit each student pilot.

With these systems, jet fighter pilots are able to train an endless amount of training scenarios, significantly increasing training versatility and effectiveness while reducing the cost, decreasing the training risks and reducing the demand for airspace.

Both western & eastern set up

Fully certified in accordance with EU/NATO regulations

The most cost effective aircraft in its class

Comprehensive customer support & services

## Performance data

Empty weight	7 231 lb
Max take off weight	12 346 lb
Service Life	15 000 flight hours
Max fuel, internal	2 536 lb
Max level speed	490 KCAS
Range, internal fuel	1 025 NM
Endurance	3h 45 min
Max thrust	3 791 lbf
Max G-load limits	+8/-4G